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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sujit V. Gaikwad et al.

Title: AUTO-TUNING CONTROLLER USING LOOP-SHARING

Docket No.: H0001511 SBU No. 1611

Serial No.: 09/934,059

Filed: August 21, 2001

Due Date: May 10, 2005

Examiner: Aaron C Perez-Daple

Group Art Unit: 2154

**MS AF**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ A return postcard.

☒ An Amendment and Response (9 Pages).

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 000126

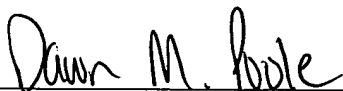
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14<sup>th</sup> day of April, 2005.

Name



Signature



SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



**EXPEDITED PROCEDURE – EXAMINING GROUP 2154**

**S/N 09/934,059**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |   |                 |                       |
|-------------|---|-----------------|-----------------------|
| Applicant:  | Sujit V. Gaikwad et al.                   | Examiner:       | Aaron C Perez-Daple   |
| Serial No.: | 09/934,059                                | Group Art Unit: | 2154                  |
| Filed:      | August 21, 2001                           | Docket No.:     | H0001511 SBU No. 1611 |
| Title:      | AUTO-TUNING CONTROLLER USING LOOP-SHARING |                 |                       |

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**AMENDMENT & RESPONSE UNDER 37 C.F.R. 1.116**

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This responds to the Final Office Action mailed on February 10, 2005. Please amend the above-identified patent application as follows.